PERMIT NO. HI S000052

AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C.1251 et. seq.; the "Act"); Hawaii Revised Statutes, Chapter 342D; and Hawaii Administrative Rules (HAR), Department of Health (DOH), State of Hawaii, Chapters 11-54 and 11-55;

STATE OF HAWAII
DEPARTMENT OF DEFENSE
(PERMITTEE)

is authorized to discharge storm water associated with industrial activities at the Department of Defense (DOD) Maintenance Shops on the Island of Oahu and storm water runoff and certain non-storm water discharges as identified in Part B.2 of this permit from the DOD Small Municipal Separate Storm Sewer System (Small MS4) outfalls identified in the permit application, dated April 28, 2005, and additional Small MS4 outfalls that may be identified from time to time by the Permittee,

into State Waters in and around the Island of Oahu as identified in the permit application,

in accordance with the general requirements, discharge monitoring requirements and other conditions set forth herein, and in the attached DOH "Standard NPDES Permit Conditions," dated December 30, 2005.

All references to Title 40 of the Code of Federal Regulations (CFR) are to regulations that are in effect on July 1, 2004, except as otherwise specified. Unless otherwise specified herein, all terms are defined as provided in the applicable regulations in Title 40 of the CFR.

This permit will become effective on _____.

This permit and the authorization to discharge will expire at midnight, **November 31, 2011**.

Signed this ____ day of _____, 2006.

_____
(for) Director of Health

Public Notice Permit
November 3, 2006

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ATTACHMENT: STANDARD NPDES PERMIT CONDITIONS (Updated as of December 30, 2005). In case of conflict between the conditions stated in this permit and those specified in the Standard NPDES Permit Conditions, the more stringent conditions shall apply.

A. GENERAL REQUIREMENTS

The Permittee shall:

1. Comply with all materials submitted in and with the application, dated April 28, 2005, and additional information, dated November 18, 2005, and April 13, 2006.

2. Retain a copy of the application; this permit; and the Storm Water Management Plan (SWMP), with all subsequent revisions, at the DOD office. A copy of the portion of the SWMP which is applicable to each DOD facility shall be retained at each respective DOD facility.

3. Ensure that anyone working under this permit complies with the terms and conditions of this permit.

4. Include the permit number, **HI S000052**, and the following certification with all information required under this permit:

   "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

5. Submit all information required under this permit to the following address:

   Director of Health
   Clean Water Branch
   Environmental Management Division
   Department of Health
   P.O. Box 3378
   Honolulu, HI 96801-3378

B. DISCHARGE LIMITATIONS

1. The Permittee shall effectively prohibit non-storm water discharges through its Small MS4 into State Waters. NPDES permitted discharges and non-storm water discharges identified in Part B.2. of this permit are exempt from this prohibition.

2. The following non-storm water discharges may be discharged into the Permittee's Small MS4 without an NPDES permit, provided that the Permittee determines that such discharges will not contain pollutants in amounts that will cause or contribute to a violation of an applicable water quality standard and the SWMP shall "identify and ensure the implementation of appropriate pollution prevention measures for the non-storm water component(s) of the discharge."

   a. Water line flushing;
   b. Landscape irrigation;
   c. Diverted stream flows;
   d. Rising ground waters;
   e. Uncontaminated ground water infiltration (as defined in 40 CFR §35.2005(20));
   f. Uncontaminated pumped ground water;
   g. Discharges from potable water sources and foundation drains;
   h. Air conditioning condensate;
   i. Irrigation water;
   j. Springs;
   k. Water from crawl space pumps and footing drains;
   l. Lawn watering runoff;
   m. Water from individual residential car washing;
   n. Flows from riparian habitats and wetlands;
   o. Dechlorinated swimming pool discharges;
   p. Residual street wash water; and
   q. Discharges or flows from fire fighting activities.

3. The Permittee may also develop a list of other similar occasional incidental non-storm water discharges (e.g. non-commercial or charity car washes, etc.) that will not be addressed as illicit discharges. These non-storm water discharges must not be reasonably expected (based on information available to the Permittee) to be significant sources of pollutants to the Small MS4, because of either the nature of the discharges or conditions the Permittee has established for allowing these discharges to the Small MS4 (e.g., a charity car wash with appropriate controls on frequency, proximity to sensitive waterbodies, Best Management Practices (BMPs) on the wash water, etc.). The Permittee shall document in the storm water management program any local controls or conditions placed on the discharges, and include a provision prohibiting any individual non-storm water discharge that is determined to be contributing pollutants to the Small MS4.

4. The discharge of pollutants from storm water runoff from areas of industrial activity shall be reduced using the "**best available technology economically achievable (BAT)**" and the "**best conventional pollution control technology (BCT)**" standards as required by HAR, Chapter 11-55, Section 11-55-15(b)(1) and 40 CFR §125.3.

5. The discharge of pollutants from all other areas of the Permittee's facility shall be reduced to the "**maximum extent practicable (MEP)**" as required by the Act Section 402(p)(3)(iii) and 40 CFR §122.26(d)(2)(iv).

C. RECEIVING WATER LIMITATIONS

1. The discharge shall comply with the basic water quality criteria which states:

   "All waters shall be free of substances attributable to domestic, industrial, or other controllable sources of pollutants, including:

   (1) Materials that will settle to form objectionable sludge or bottom deposits;
   (2) Floating debris, oil, grease, scum, or other floating materials;
   (3) Substances in amounts sufficient to produce taste in the water or detectable off-flavor in the flesh of fish, or in amounts sufficient to produce objectionable color, turbidity or other conditions in receiving waters;
   (4) High or low temperatures; biocides; pathogenic organisms; toxic, radioactive, corrosive, or other deleterious substances at levels or in combinations sufficient to be toxic or harmful to human, animal, plant, or aquatic life, or in amounts sufficient to interfere with any beneficial use of the water;
   (5) Substances or conditions or combinations thereof in concentrations which produce undesirable aquatic life; and
   (6) Soil particles resulting from erosion on land involved in earthwork, such as the construction of public works; highways; subdivisions; recreational, commercial, or industrial developments; or the cultivation and management of agricultural lands."

2. The discharge shall not cause or contribute to a violation of any of the applicable beneficial uses or water quality objectives contained in HAR, Chapter 11-54, titled "Water Quality Standards."

3. The Permittee shall timely inspect the receiving state waters, effluent, and control measures and BMPs to detect violations of and conditions which may cause violations of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-4. (e.g., the Permittee shall look at effluent and receiving state waters for turbidity, color, floating oil and grease, floating debris and scum, materials that will settle, substances that will produce taste in the water or detectable off-flavor in fish, and inspect for items that may be toxic or harmful to human or other life.)

4. The Permittee shall immediately stop, reduce, or modify the discharge as needed to stop or prevent a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-4.

D. STORM WATER MANAGEMENT PLAN (SWMP)

The Permittee shall:

1. Develop, implement, and enforce the Site-Specific SWMP designed to reduce the discharge of pollutants from the Permittee's Small MS4 to the MEP in order to protect water quality and satisfy the appropriate water quality requirements of the Act. The SWMP shall include the minimum control measures identified below with implementation dates and rationales for each measure:

    a. Public Education and Outreach

        Develop and implement a public education program to distribute educational materials to users of the Permittee's Small MS4 or equivalent outreach activities emphasizing the following:

        (1) Impacts of storm water discharges on water bodies,

        (2) Hazards associated with illicit discharges, and

        (3) Measures that users of the Permittee's Small MS4 can take to reduce pollutants in storm water runoff, including, but not limited to, minimizing fertilizer application and practicing proper storage and disposal of chemicals and wastes.

    b. Public Involvement/Participation

        Include users of the Permittee's Small MS4 in developing, implementing, and reviewing the SWMP.

    c. Illicit Discharge Detection and Elimination

        Develop, implement, and enforce a program to detect and eliminate illicit discharges that, at a minimum, includes the following:

        (1) Establishment of rules, ordinances, or other regulatory mechanism, including enforcement procedures and actions, that prohibit non-storm water discharges, except those listed in Part B.2. of this permit that do not cause or contribute to any violations of water quality standards, into the Permittee's Small MS4,

(2) Procedures to detect and eliminate illicit discharges (as defined in 40 CFR §122.26(b)(2)), and

(3) Compilation of a list of non-storm water discharges or flows that are considered to be significant contributors of pollutants to the system and measures to be taken to prevent these discharges into the Permittee's Small MS4, or reduce the amount of pollutants in these discharges.

d. Construction Site Runoff Control

Develop, implement, and enforce a program to reduce pollutants in storm water runoff entering the Permittee's Small MS4 from construction activities disturbing one (1) acre or more, including construction activities less than one (1) acre that are part of a larger common plan of development or sale that would disturb one (1) acre or more, that, at a minimum, includes the following:

(1) Establishment of rules, ordinances, or other regulatory mechanism, including enforcement procedures and actions, that require Erosion and Sediment Controls,

(2) Requirements for construction site operators to implement appropriate Erosion and Sediment Control BMPs,

(3) Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality,

(4) Procedures for site plan review which incorporate consideration of potential water quality impacts,

(5) Procedures for receipt and consideration of information submitted by the public, and

(6) Procedures for site inspection and Enforcement of Control Measures.

e. Post-Construction Storm Water Management in New Development and Redevelopment

Develop, implement, and enforce a program to reduce pollutants in storm water runoff entering the Permittee's Small MS4 from new development and redevelopment projects that disturb greater than or equal to one (1) acre, including construction sites less than one (1) acre that are part of a larger

common plan of development or sale that would disturb one (1) acre or more, that, at a minimum, includes the following:

(1) Establishment of rules, ordinances, or other regulatory mechanism, including enforcement procedures and actions, that address post-construction runoff from new development and redevelopment projects,

(2) Structural and/or non-structural BMPs to minimize water quality impacts and attempt to maintain pre-development runoff conditions, and

(3) Procedures for long-term operation and maintenance of BMPs.

f. Pollution Prevention/Good Housekeeping

(1) Operation and Maintenance Program - Develop, implement, and enforce an operation and maintenance program to prevent and reduce storm water pollution from activities, including, but not limited to, park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance that, at a minimum, includes the following:

(a) Good housekeeping and other control measures, and

(b) Employee and contractor training on good housekeeping practices to ensure that good housekeeping measures and BMPs are properly implemented.

(2) Storm Water Pollution Control Plan (SWPCP) - Develop, maintain, and update as necessary, a SWPCP for all DOD Maintenance Shops which are covered by this permit. The SWPCP shall be submitted to the CWB within 120 days of the effective date of this permit for review and approval. The SWPCP shall be implemented within 180 days after the submittal date and during the term of this permit and shall, at a minimum, identify the following items:

(a) Pollutants potentially present in storm water;

(b) Pollutant sources (including but not limited to the identification of non-storm water sources connected to the storm drainage system);

(c) DOD Maintenance Shops connection permit(s) to the MS4s and sewer connection and pretreatment permits;

(d) Storm water outfalls and monitoring points in the Monitoring Plan;

(e) Monitoring procedures in the Monitoring Plan;

(f) Pollutant control procedures;

(g) Spill prevention and response procedures;

(h) Site-specific BMPs developed for facilities (i.e., maintenance of facility and surrounding area(s), proper disposal of oil and grease, application of pesticides by certified applicator); and

(i) Rules and regulations to prevent the discharge of pollutants into the DOD Small MS4.

2. Develop measurable goals to gauge permit compliance and program effectiveness for each minimum control measure identified in Part D. of this permit. The Permittee shall select measurable goals using an integrated approach that fully addresses the requirements and intent of the minimum control measure.

3. Revise the SWMP if any discharge limitation or water quality standard established in HAR, Chapter 11-54, Section 11-54-4 is exceeded. The revisions shall include BMPs and/or other measures to reduce the amount of pollutants found to be in exceedance from entering State Waters.

4. Properly address all modifications, concerns, requests and/or comments to the satisfaction of the DOH.

   a. SWMP Modifications - The storm water pollution control activities described in the SWMP may need to be modified, revised, or amended from time to time over the life of the permit to respond to changed conditions and to incorporate more effective approaches to pollutant control. Minor changes may be proposed by the Permittee or requested by the DOH. Proposed changes that imply a major reduction in the overall scope and/or level of effort of the SWMP must be made for cause and in compliance with 40 CFR §122.62 and Part 124. A written report shall be submitted to the Director of Health (Director) for approval at least 30 days prior to the initiation date of the modification. The Permittee shall report and justify all other modifications made to the SWMP in the annual report for the year in which the modification was made.

   b. System Modifications include any planned physical alterations or additions to the permitted Small MS4, any existing outfalls newly identified over the term of this permit.

5. Compliance Table - The Permittee shall submit the Site-Specific SWMP for each DOD facility in accordance with the following table:

Building(s)	Address	Compliance Date
Combined Support Maintenance Shop No. 1	3949 Diamond Head Road Honolulu, Hawaii 96816-4495	December 31, 2007
State Maintenance Facility - Fort Ruger	3949 Diamond Head Road Honolulu, Hawaii 96816-4495	December 31, 2007
State Transportation Motor Pool	3949 Diamond Head Road, Building 90 Honolulu, Hawaii 96816-4495	December 31, 2007
Unit Training & Equipment Site	99-1176 Waihona Street Pearl City, Hawaii 96782	December 31, 2008
Regional Training Site - Maintenance	96-1230 Waihona Street Pearl City, Hawaii 96782	December 31, 2008
Army Aviation Support Facility No. 1	Building 829, Wheeler Army Air Field Wahiawa, Hawaii 96854-2720	December 31, 2009
Building 1073 - Company B & C 193rd Aviation Armory	Building 1073, Wheeler Army Air Field Wahiawa, Hawaii 96854-2720	December 31, 2009
Wahiawa Armory and Organizational Maintenance Shop No. 2	77-230 Kamehameha Highway Wahiawa, Hawaii 96854-2720	December 31, 2009

E. MONITORING REQUIREMENTS

1. Monitoring Plan

a. The Permittee shall revise and submit the Monitoring Plan to the Director within 180 days of the effective date of this permit for review and approval. The Monitoring Plan shall be implemented over the term of the permit and shall, at a minimum, include the following items:

(1) Written narrative of the proposed monitoring plan's objectives and description of activities;

(2) The monitoring locations on a sampling location map with an explanation of why the location was selected and the identification of the pollutants of concern for each of the sampling locations;

(3) The monitoring frequency;

(4) Visual inspection of physical objects and solid wastes;

(5) Rainfall depth, duration, location, and storm event return time;

(6) Written documentation of the following:

(a) Type, frequency, and location of data gathered on levels of pollutants in non-storm water discharges to the Small MS4;
(b) Characteristics (timing, duration, intensity, total rainfall) of the storm event(s);
(c) Parameters for measured pollutant loads; and
(d) Range of discharge volumes to be monitored, as well as the timing, frequency, and duration at which they are identified;

(7) Monitoring of the following parameters at the industrial facilities listed in Part D.5. of this permit.

Effluent Parameter (units)	Effluent Limitation {1}	Minimum Monitoring Frequency	Type of Sample {2}
Flow (gallons)	{3}	{4}	Calculated or Estimated
Biochemical Oxygen Demand (5-Day) (mg/l)	{3}	{4}	Composite {5}
Chemical Oxygen Demand (mg/l)	{3}	{4}	Composite {5}

Effluent Parameter (units)	Effluent Limitation {1}	Minimum Monitoring Frequency	Type of Sample {2}
Total Suspended Solids (mg/l)	{3}	{4}	Composite {5}
Total Phosphorus (mg/l)	{3}	{4}	Composite {5}
Total Nitrogen (mg/l) {6}	{3}	{4}	Composite {5}
Nitrate + Nitrite Nitrogen (mg/l)	{3}	{4}	Composite {5}
Oil and Grease (mg/l)	15	{4}	Grab {7}
pH (Standard Units)	{8}	{4}	Grab {9}
Toxic Pollutants (µg/l) {10}	{11}	{4}	{12}

mg/l = milligrams per liter = 1000 micrograms per liter
µg/l = micrograms per liter

NOTES:

{1} Pollutant concentration levels shall not exceed the storm water discharge limits or be outside the ranges indicated in the table. Actual or measured levels which exceed those storm water discharge limits or are outside those ranges shall be reported to the Director as required in Section 16.f. of the Standard NPDES Permit Conditions within 30 days after the Permittee becomes aware of the results. The Permittee shall provide the DOH with an explanation of the pollutant origin. Monitoring results shall be submitted on the DMR Form. This requirement shall supersede the immediate reporting requirement in the Standard NPDES Permit Conditions for these limitations only.

{2} The Permittee shall collect samples for analysis from a discharge resulting from a representative storm. A representative storm means a rainfall that accumulates more than 0.1 inch of rain and occurs at least 72 hours after the previous measurable (greater than 0.1 inch) rainfall event.

"Grab sample" means a sample collected during the first 15 minutes of the discharge.

"Composite sample" means a combination of at least two (2) sample aliquots, collected at periodic intervals. The composite shall be flow proportional; either the time interval between each aliquot or the volume of each aliquot must be proportional to the total flow of storm water discharge flow since the collection of the previous aliquot. The Permittee may collect aliquots manually or automatically.

Samples for analysis shall be collected during the first 15 minutes of the discharge and at 15-minute intervals thereafter for the duration of the discharge, as applicable. If the discharge lasts for over an hour, sample collection may cease.

{3} No limitation at this time. Only monitoring and reporting is required.

{4} Each monitoring location shall be monitored at least once during the term of this permit.

{5} If the duration of the discharge event is less than 30 minutes, the sample collected during the first 15 minutes of the discharge shall be analyzed as a grab sample and reported toward the fulfillment of this composite sample specification. If the duration of the discharge event is greater than 30 minutes, the Permittee shall analyze two (2) or more sample aliquots as a composite sample.

{6} The Total Nitrogen parameter is a measure of all nitrogen compounds in the sample (nitrate, nitrite, ammonia, dissolved organic nitrogen, and organic matter present as particulates).

{7} The Permittee shall measure Oil and Grease using EPA Method 1664, Revision A.

{8} For discharge into Class 1or 2, Inland Waters, the pH shall not deviate more than 0.5 units from ambient conditions and shall not be lower than 5.5 nor higher than 8.0. For discharge into Class A, Marine Waters, the pH shall not deviate more than 0.5 units from a value of 8.1, except at coastal locations where and when freshwater from stream, stormdrain or groundwater discharge may depress the pH to a minimum level of 7.0.

{9} The Permittee shall measure pH within 15 minutes of obtaining the grab sample.

{10} Toxic pollutants, as identified in Appendix D of 40 CFR Part 122 or in HAR, Chapter 11-54, Section 11-54-4, need only be analyzed if they are identified as potential pollutants requiring monitoring in the SWPCP. The Permittee shall test for the total recoverable portion of all metals. If monitoring results indicate that the discharge limitation was equaled or exceeded, the SWPCP shall be amended to include additional BMPs targeted to reduce the parameter which was in excess of the discharge limitation.

{11} Effluent limitations are the acute water quality standards established in HAR, Chapter 11-54, Section 11-54-4. For pollutants which do not have established acute water quality standards, any detected concentration greater than 0.01 mg/l shall be reported.

{12} Cyanide and the volatile fraction of the toxic organic compounds shall be sampled by grab sample. All other pollutants, as identified in Appendix D of the 40 CFR Part 122 or in HAR Chapter 11-54, Section 11-54-4 shall be sampled by composite sample.

(8) Written documentation of the analytical methods to be used;

(a) Sample holding time;

(b) Preservation techniques; and

(c) Test method and method detection level:

(i) Conduct monitoring in accordance with test procedures approved under 40 CFR Part 136, or unless otherwise specified, with detection limits low enough to measure compliance with the discharge limitations specified in

Part E.1.b.(7) of this permit. For cases where the discharge limitation is below the lowest detection limit of the appropriate test procedure, the Permittee shall use the test method with the lowest detection limit.

(ii) If a test method has not been promulgated for a particular constituent, the Permittee may use any suitable method for measuring the level of the constituent in the discharge provided the Permittee complies with 40 CFR Part 136.4 - Application for alternate test procedures.

(9) Written documentation of the Quality Assurance/Quality Control procedures to be used;

(10) Data gathered on levels of pollutants in non-storm water discharges to the DOD Small MS4;

(11) Using rainfall data collected by the Permittee, the Permittee shall relate rainfall events, measured pollutant loads, and discharge volumes from the DOD Small MS4; and

(12) Estimated budget to be implemented for the term of the permit.

b. The Director may specify other discharge parameters, monitoring requirements and limitations, in addition to the monitoring requirements specified.

2. Other WLAs

As additional WLAs are adopted by DOH that identify the Permittee as a source, the Permittee shall develop implementation and monitoring plans for a minimum of one (1) additional WLA per year within one (1) year of the adoption date.

F. REPORTING REQUIREMENTS

1. Annual Report

   The Permittee shall submit an annual report by January 28th of the following year. The annual report shall cover each calendar year during the term of this permit and include the following:

   a. Status of compliance with conditions of this permit;

   b. Assessment of the SWMP, including progress towards implementing each minimum control measure;

   c. Modifications made to the SWMP and implementation schedule during that calendar year, including justifications;

   d. Summary of the storm water activities planned to be undertaken during the next calendar year; and

   e. Major modifications made to the Permittee's Small MS4, including, but not limited to, addition and removal of outfalls, drainage lines, and treatment facilities.

2. Planned Changes

   The Permittee shall report any planned physical alterations or additions to the permitted facility(ies), not covered by 40 CFR §122.41(l)(1)(i), (ii), and (iii) to the Director on a quarterly basis.

G. LOCATION MAPS

See attached Location Maps for Small MS4s:

1. Fort Ruger / Diamond Head
   a. Combined Support Maintenance Shop No. 1 (3949 Diamond Head Road, Honolulu, Hawaii 96816-4495)
   b. State Maintenance Facility - Fort Ruger (3949 Diamond Head Road, Honolulu, Hawaii 96816-4495)
   c. State Transportation Motor Pool (3949 Diamond Head Road, Building 90, Honolulu, Hawaii 96816-4495)
2. Waiawa
   a. Unit Training & Equipment Site (99-1176 Waihona Street, Pearl City, Hawaii 96782)
   b. Regional Training Site - Maintenance (96-1230 Waihona Street, Pearl City, Hawaii 96782)
3. Wahiawa
   a. Army Aviation Support Facility No. 1 (Building 829, Wheeler Army Air Field, Wahiawa, Hawaii 96854-2720)
   b. Building 1073 - Company B & C 193rd Aviation Armory (Building 1073, Wheeler Army Air Field, Wahiawa, Hawaii 96854-2720)
   c. Wahiawa Armory and Organizational Maintenance Shop No. 2 (77-230 Kamehameha Highway, Wahiawa, Hawaii 96854-2720)
4. Kalaeloa (91-1227 Enterprise Avenue, Kapolei, Hawaii 96707-2150)

1. Fort Ruger / Diamond Head
   a. Combined Support Maintenance Shop No. 1 (3949 Diamond Head Road, Honolulu, Hawaii 96816-4495)
   b. State Maintenance Facility - Fort Ruger (3949 Diamond Head Road, Honolulu, Hawaii 96816-4495)
   c. State Transportation Motor Pool (3949 Diamond Head Road, Building 90, Honolulu, Hawaii 96816-4495)

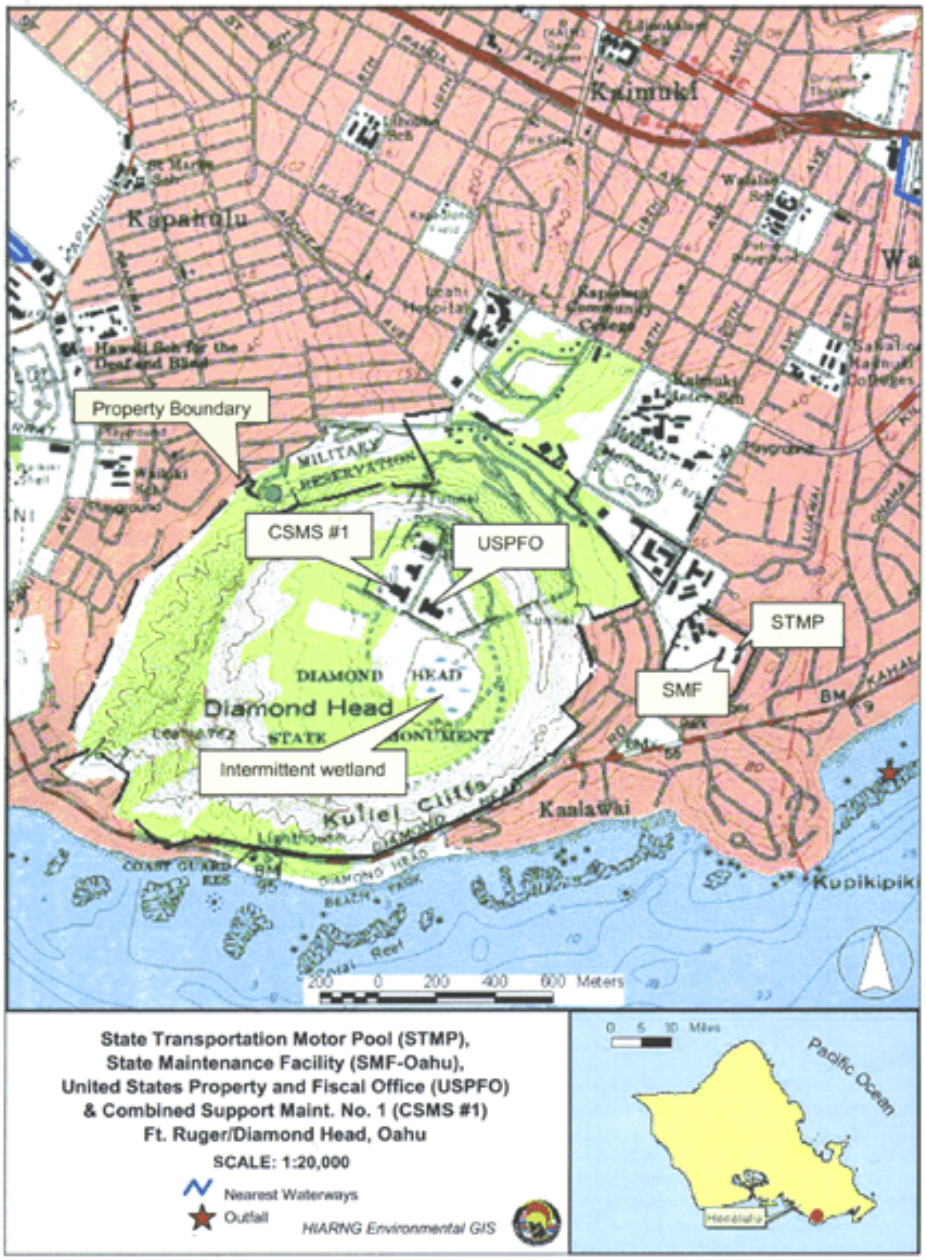

Figure 1.1. Location Map of Ft. Ruger.

2. Waiawa
   a. Unit Training & Equipment Site (99-1176 Waihona Street, Pearl City, Hawaii 96782)
   b. Regional Training Site - Maintenance (96-1230 Waihona Street, Pearl City, Hawaii 96782)

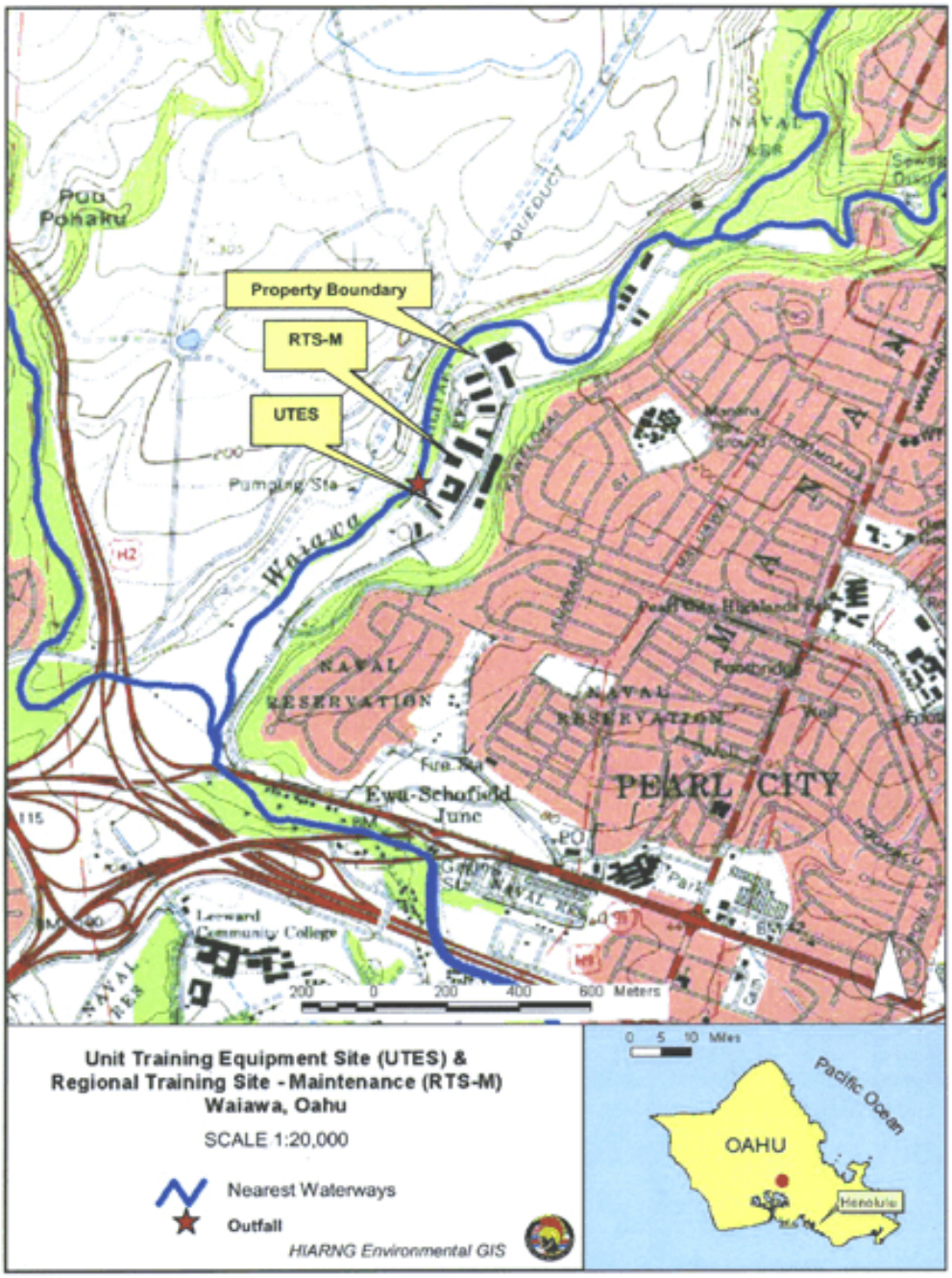

Figure 2.1. Location Map of UTES and RTS-M.

3. Wahiawa
   a. Army Aviation Support Facility No. 1 (Building 829, Wheeler Army Air Field, Wahiawa, Hawaii 96854-2720)
   b. Building 1073 - Company B & C 193rd Aviation Armory (Building 1073, Wheeler Army Air Field, Wahiawa, Hawaii 96854-2720)
   c. Wahiawa Armory and Organizational Maintenance Shop No. 2 (77-230 Kamehameha Highway, Wahiawa, Hawaii 96854-2720)

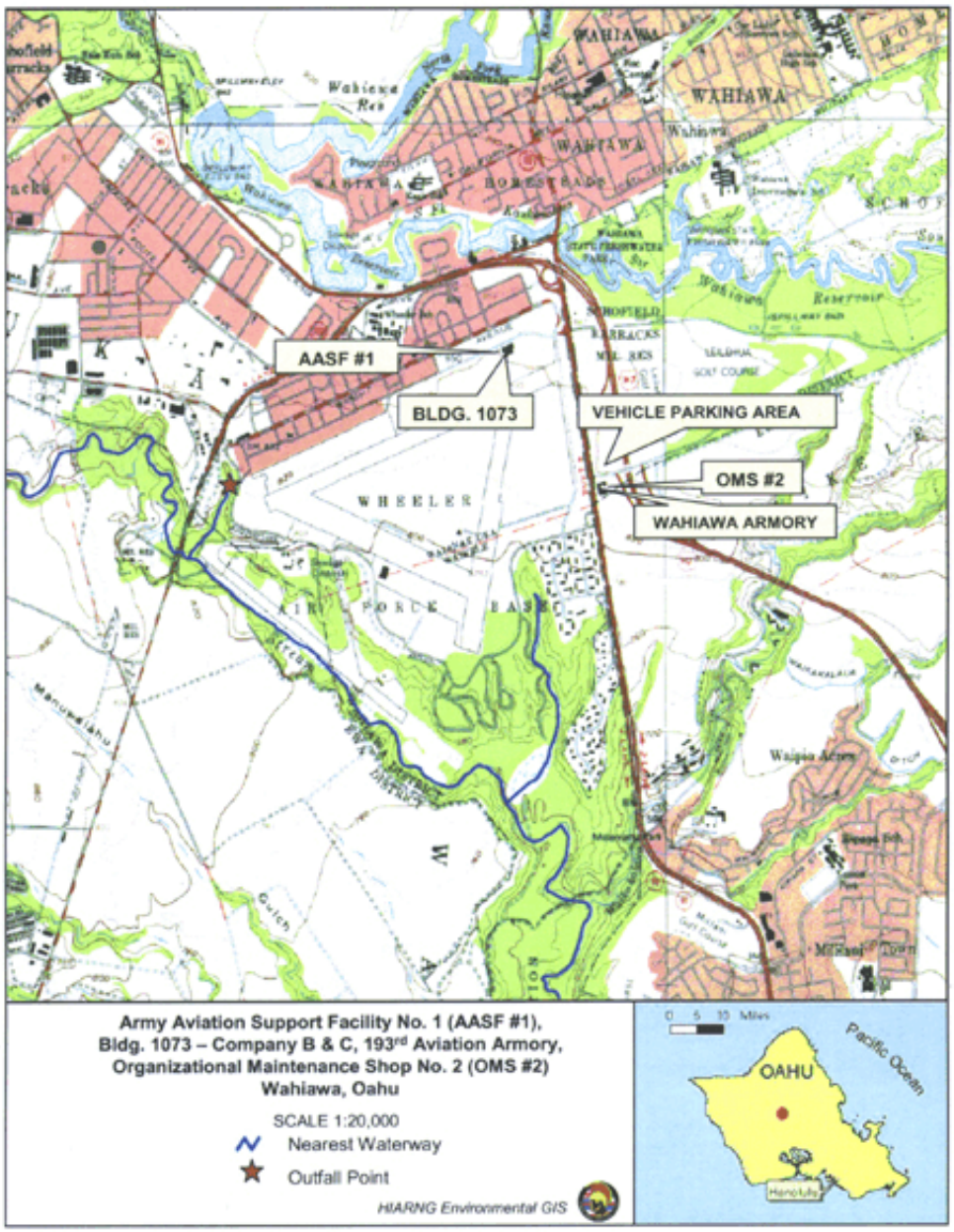

Figure 3.1. Location Map of AASF #1, OMS #2 and Wahiawa Armory.

4. Kalaeloa (91-1227 Enterprise Avenue, Kapolei, Hawaii 96707-2150)

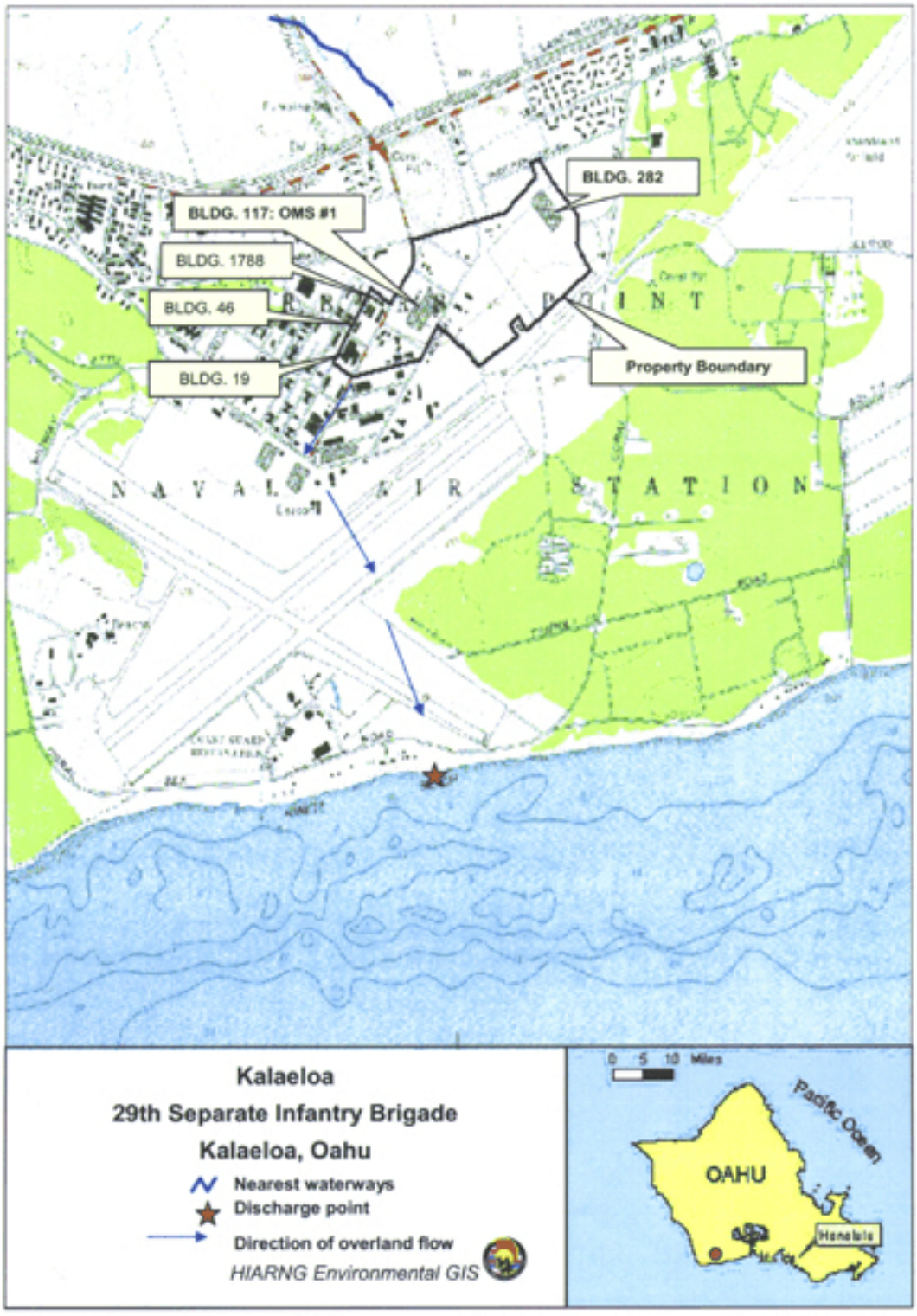

Figure 4.1. Location Map of Kalaeloa.